08/202,505 filed February 28, 1994 (abandoned). This application also claims the priority of U.S. Patent Application Serial No. 08/971,521 filed November 17, 1997 which is a continuation of U.S. Patent Application Serial No. 08/689,459 filed August 9, 1996 (issued as U.S. Patent No. 5,689,111 on November 18, 1997), and which claims the priority of U.S. Provisional Application Serial No. 60/002,118 filed August 10, 1995, and U.S. Provisional Application Serial No. 60/002,122 filed August 10, 1995. The priority of all of the prior applications is claimed, and the disclosures of those applications are fully incorporated herein by reference.--

On page 3	line 13	change "spectrum" to --spectra--
	line 21	eliminate "hereby"
On page 4	line 2	change "the ion multipole ion guide" to --the multipole ion guide--
	line 10	change "which" to --that--
	line 11	delete the comma after "voltages"
	line 16	change "can in a stable trajectory" to --can, in stable trajectories,--
On page 5	line 2	change "could" to --can--
	line 8	change "as an ion traverses" to --as ions traverse--
	line 16	change "multipole in guide" to --multipole ion guide--
On page 6	line 7	change "U is the DC voltage component amplitude, V is the primary AC or RF component frequency" to --U is the applied voltage amplitude, V is the applied primary AC or RF frequency-
	line 18	delete the word "component"
	line 19	change "voltage component set to zero the" to --voltage set to zero, the--
On page 7	line 8	delete the period after "International"

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On page 8	line 7	after "technique", delete the word "method"
On page 9	line 1	delete "component"
		after applied, add --to--
	line 6	change "which" to --that--
	line 18	change "or" to --of--
On page 10	line 2	change "to an mass" to --to a mass--
	line 5	change "were described" to --was also described--
On page 11	line 7	after "will", add --be--
	line 18	change "which" to --that--
On page 12	line 16	change "which" to --that--
	line 21	after "operated" delete "as"
On page 13	line 1	after "pulsed into" add --the--
	line 2	after "does" add --not--
On page 15	line 15	change "API/multipole on guide" to --API/multipole ion guide--
On Page 16	line 8	change "continuos" to --continuous--
On page 20	line 16	after "these ions" delete "are"
On page 23	line 2	change "In this mode" to "In this operating mode"
	line 4	after "continuously", delete "to"
	line 7	change "enter" to --entering TOF pulsing region 30--
	line 8	after "between lenses 34 and 35", add --,-- (at the end of the line)
	line 9	after "polarity", add --,--

line 20   after "and an" add --ion--

line 21   change "are pulsed, the duty" to "are pulsed. The duty"

On page 24   line 1   after "respectively", add --at a 10 KHz TOF pulse rate"

line 2   change "which" to --that--

line 3   change "trajectories on ions through the multipole ion guide for

the desired m/z range" to --trajectories for ions traversing the

multipole ion guide length--

line 6   change "TOF rate" to --TOF pulse rate above 10 KHz--

line 18   change "average ion energy" to "average kinetic energy"

On page 25   line 4   change "end 60 are rejected from leaving the exit end by" to --end

60 are prevented from leaving the entrance end--

On page 26   line 11   change "to some degree" to --in part--

line 20   change "sweetspot" to --sweet spot--

On page 28   line 10   after "subtracted", add --from--

On page 30   line 13   change "several fragments ions" to --several fragment ions--

line 18   after "Thus", add --,--

On page 33   line 11   after "values", delete "will"

On page 39   line 12   after "acquisition", add --,--

On page 40   line 19   change "sequence above for higher generation fragment ion for

the desired number times to create the" to --sequence above for

the required number of times to create the--